

## ABSTRACT

A mechanism for detecting events generated from a device in communication with a client system and the re-direction of those events to a server system over a network using a presentation-level protocol is disclosed. Plug and play events are detected at the client system, bound to a virtual connection for a user session, and re-directed for handling to a server-based system using the presentation-level protocol. The server-based system maps the device to the user session. Applications which have registered a callback with the session are informed and generate an appropriate message which is transmitted to the device in communication with the client system via a specified virtual communication connection in the user session.